GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

STARRED QUESTION NO:691
ANSWERED ON:14.05.2002
LABORATORIES QUALIFYING FOR NATIONAL ACCREDITATION BOARD
SURESH KODIKUNNIL

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) the details of laboratories which have qualified for testing and calibration by National Accreditation Board, State-wise; and

(b) the details regarding conditions laid down for accreditation?

Answer

MINISTER OF HUMAN RESOURCE DEVELOPMENT, MINISTER OF SCIENCE & TECHNOLOGY AND MINISTER OF DEVELOPMENT (DR. MURLI MANOHAR JOSHI)

a) & b). A Statement is laid on the Table of the House.

STATEMENT REFERRED IN REPLY TO PARTS (a) & (b) OF THE LOK SABHA STARRED QUESTION No. 691 FOR REPI 14.05.2002 REGARDING LABORATORIES QUALIFYING FOR NATIONAL ACCREDITATION BOARD

a) Details of the Testing & Calibration Laboratories (State-wise) which have qualified for NABL accreditation are given at Appendix I

b) Conditions for accreditation are :

The laboratories are given accreditation on the basis of the technical and quality system requirements.

Some of the elements of the technical requirements are:

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Personnel/Qualification/Training
Environment
Equipment/calibration
Measurement traceability
Measurement uncertainty
Test method & test method validation
Handling of test-item
Sampling
Proficiency testing/inter-laboratory comparisons
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These elements are to ensure that the measurements made for the quantification of the constituents that are present in test item are very close to the true values.

Also, these elements do help in establishing the comparability of the measured values in test results between different economies and thus a confidence in each other`s system of measurement gets strengthened.

Some of the elements of the quality system are:

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Organization
Document control/Records
Control of non-conforming work
Corrective & preventive action
Service to the client & Complaints
Internal audit & Management review etc.
Documentation & Quality manual
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These elements are to ensure that the work culture of the laboratory consistently remains the same irrespective of the fluctuation the laboratory may experience.

The details of the accreditation requirements are given in ISO/IEC 17025 (1999) `General requirements for the competence of testing and calibration laboratories`. Before this standard, NABL`s Criteria for Laboratory Accreditation was based on ISO/IEC Guide 25 (1990).

State	S.No.	Name of the laboratory
ANDHRA PRADESH		
	1	Bharat Dynamics Ltd., Hyderabad
	4	Bharat Heavy Electricals Ltd., Hyderabad
	3	Electronics Corporation of India Ltd., Hyderabad
	2	Electronics Test and Development Centre, Hyderabad
	5	Hindustan Aeronautics Ltd., Hyderabad
	6	SV Precision Instrumnets, Hyderabad
ASSAM	1	Electronics Test and Development Centre, Guwahati
DADRA	1	Waaree Inst. Calibration Laboratory, Silwasa
DELHI	1	Acumen Measurements and Consultancy Pvt. Ltd., Delhi
	2	Adges Maintenance Standards Establishment, Delhi
	3	Bagson Calibration Lab, New Delhi
	4	Calibration Solutions , Shahdara
	5	Canan Testing Services, Delhi
	6	Electronics Regional Test Laboratory, New Delhi
	7	Precision Calibration and Services (P) Ltd., Delhi
	8	Regional Testing Centre, Delhi
	9	Shriram Institute for Industrial Research, New Delhi
	10	MCCOY, New Delhi
GOA	1	Electronic Test and Development Centre, Goa
GUJARAT	1	GE Lighting India Ltd., Nadiad
	2	Electrical Research and Development Association, Vadodara
	3	GATRAD Engg. Corporation, Ahmedabad
	4	Process Instruments Calibration Centre, Vadodara
	5	NCQC, Ahmedabad
HARYANA	1	NCCBM, Ballabhgarh
	2	BELZ calibration laboratory, Faridabad
	3	Instruments Design Development Centre, Ambala
	4	Jyoti Test House, Ballabhgarh
	5	Lakshmi Precision Screws, Rohtak
	6	Neel Engg Solutions, Faridabad
	7	QC laboratory of Maruti Udyog Ltd., Gurgaon
	8	S V Engg. Centre, Faridabad
	9	SARRC Test House, Faridabad
JHARKHAND		
	1	Alcalab Pvt. Ltd, Jamshedpur
KARNATAKA		
	1	Agilent Technologies, Bangalore
	2	Bharat Electronics Limited, Bangalore
	3	BHEL, Bangalore
	4	Central manufacturing Technology Institute, Bangalore
	5	Central Power Research Institute, Bangalore
	6	Electronics Test and Development Centre, Bangalore
	7	Palyam Engineers Pvt. Ltd., Bangalore
	8	Unique Instruments and Manufacturers Pvt. Ltd., Bangalore
	9	Sushma Industries Calibration Centre, Bangalore
	10	BEML, Kolargoldfields
KERALA	1	Electronics Regional Test Laboratory, Thiruvananthapuram
	2	Fluid Control and Reasearch Institute
	3	Naval, Kochi
	4	Sophisticated testing and Instrumentation Centre, Kochi
	5	Varlab Instrumentation Services, Kochi
MADHYA PRADESH		
	1	Bharat Heavy Electricals Limited, Bhopal
	2	Cali-Labs, Bhopal
MAHARASHTRA		
	1	Accurate Engg., Pune
	2	ARAI, Pune

3 Baker gauges India Ltd., Pune
4 Cummins India Ltd., Pune
5 Electronics Regional Test Laboratory, Mumbai
6 IDEMI, Mumbai
7 Kalashri Electronic Services, Pune
8 Kudale Calibration Lab, Pune
9 Lawkim Ltd., Thane
10 Mikronix Associates, Aurangabad
11 Sacardande Engineers, Mumbai
12 Siemens Ltd., Thane
13 SM Engineers, Pune
14 Tata Engineering and Locomotives Company Limited, Pune
15 TMC Measuring Instruments, Pune
16 Wika Instruments India Pvt., Pune
17 Geekay Engg. Mumbai
18 Karandikar, Pune
19 Nishitronics, Pune
20 QRICS, Pune
21 Reliable Metrology, Pune
22 Yenkay Instruments, Pune

ORISSA 1 Birla Tyres Calibration Laboratory, Balasore

PUNJAB 1 Electronics Test and Development Centre, Mohali
2 IMTT, Batala

RAJASTHAN
1 C & I Systems, Kota
2 Birla Institute for Scientific Research, Jaipur
3 Electronics Test and Development Centre, Jaipur
4 Yadav Metrology Laboratory, Udaipur
5 Defense Research & Development Organisation, Jodhpur

TAMIL NADU
1 Accurate Engineering Co. Pvt. Ltd., Chennai
2 Bharat Heavy Electricals Limited, Chennai
3 Bharat Heavy Electricals Limited, Ranipet
4 Bharat Heavy Electricals Limited, Trichy
5 Electronics Test and Development Centre, Chennai
6 Measure Techniques, Chennai
7 Regional Testing Centre, Chennai
8 Small Industries Testing and Research Centre, Coimbatore
9 Tespa Calibration Centre, Chennai
10 Alpha Machine Tools, Chennai
11 Fie Research Institute, Ichalakaranji

UTTAR PRADESH
1 Hindustan Aeronautical Limited, Korwa
2 Bharat Electronics Limited, Ghaziabad
3 BHEL, Haridwar
4 Bureau of Indian Standards, Ghaziabad
5 Indian Telephone Industry, Allahabad
6 Rockwin Flowmeter India Pvt. Ltd., Ghaziabad

WEST BENGAL
1 Electrometer Corporation , Kolkata
2 Electronics Regional Test Laboratory, Kolkata
3 Electronics Test and Development Centre, Kolkata
4 Inspection Survey and Surveillance India Ltd., Kolkata
5 Regional Testing Centre, Kolkata
6 Senior Quality Assurance Establishment, Kolkata
7 Senior Quality Assurance Establishment, Cossipore
8 Superintendence Comp. Of India, Kolkata

STATE NAME OF LABORATORY

ANDHRA PRADESH
1 BHEL, Hyderabad
2 CDR Hospitals, Hyderabad
3 CFSL, Hyderabad
4 CIOTL, Ghatkesar
5 CMC, Vellore
6 CPRI, Hyderabad
7 CQA, O.F., Yeddumailaram
8 ETDC, Hyderabad
9 JMC, L.V.Prasad Eye Inst., Hyderabd
10 Metallurgical Lab, O.F., Medak
11 SIPRA Labs, Hyderabad
12 Vimta Labs, Hyderabad

ASSAM 1 Digboi Refinery, Digboi
2 Guwahati Refinery, Guwahati

BIHAR 1 Shiva Test House, Patna

CHANDIGARH 1 IDMA Labs Ltd., Chandigarh

CHATTISGARH 1 CFRI, Bilaspur

DELHI 1 Bharat Test House, Delhi
2 Delhi Terminal Lab, IOC, Delhi
3 Delhi Test House, New Delhi
4 Dr. Lal`s Path Lab, New Delhi
5 ERTL, New Delhi
6 FRAC, New Delhi
7 Medical Diagnostic Centre, New Delhi
8 Mother Dairy, New Delhi
9 New Delhi Laboratories, New Delhi
10 Ranbaxy Clinical Pharmacological, Delhi
11 RTC, New Delhi
12 Shriram Inst. for Indl. Res., New Delhi
13 SIMA Labs, New Delhi
14 Spectro Analytical Lab, Delhi
15 Textile Committee, Delhi

GOA 1 Cosme Pharma, Goa
2 Italab, Goa

GUJRAT 1 Divine Lab Services, Ahmedabad
2 ERDA, Vadodara
3 ETDC, Vadodara
4 IOC, Vadodara
5 Jai Research Foundation, Valsad
6 Met Heat Engineers P. Ltd., Vadodara
7 SGS India Ltd., Ahmedabad
8 SGS India Ltd., Gandhidham

HARYANA 1 Coprod Lab, SGS India Ltd., Gurgaon
2 General Lab, SGS India Ltd., Gurgaon
3 Laxmi Precision Ltd., Rohtak
4 NCCBM, Ballabhgarh
5 Omega Test House, Pankula
6 Panipat Refinery, Panipat
7 SAARC Test House, Faridabad
8 Star Wire, Ballabhgarh
9 Sunbeam Auto Ltd., Gurgaon
10 VXL Technologies Ltd., Faridabad

KARNATAKA
1 Anand Inst. of Lab Medicine, Bangalore
2 Bangalore Test House, Bangalore
3 BEL, Bangalore
4 Biochem Diagnostic & Res. Lab, Mysore
5 BIS, Bangalore
6 Canara Lighting, Bangalore
7 CFTRI, Mysore
8 CIPET, Mysore
9 CMTI, Bangalore
10 Coprod Lab, SGS India Ltd., Bangalore
11 Cosmic Lab, Bangalore
12 CPRI, Bangalore
13 CQA, Bangalore
14 CSTRI, Bangalore
15 ETDC, Bangalore
16 Eureka forbes Ltd., Bangalore
17 Geological & Metallurgical Lab, Bangalore
18 Mascot Laboratory Services, Bangalore
19 Raghavendra Spectro Labs, Bangalore
20 Shiva Analyticals, Hoskote
21 Shriram Inst. for Indl. Res., Bangalore
22 Textile Committee Lab, Bangalore
23 Tor Steel Res. Foundation, Bangalore

KERALA 1 CEPC, Quillon
2 FCRI, Palghat
3 SGS India Ltd., Cochin

MADHYA PRADESH
1 Applied Testing Labs, Indore
2 BHEL, Bhopal
3 Choksi Laboratories Ltd., Indore
4 CIPET, Bhopal
5 CPRI, Bhopal
6 Grey Iron Foundry, Jabalpur

7 Gun Carriage Factory, Jabalpur
8 M.P.Laghu Udyog Ltd., Indore
9 Ordnance Factory, Itarsi
10 Ordnance Factory, Katni
11 Ordnance Factory, Khamaria
12 Vertox Lab, DRDE, Gwalior

MAHARASHTRA
1 Agri Lab, SGS India Ltd., Thane
2 Ammunition Factory, Pune
3 ARAI, Pune
4 B.R. Industrial Services, Aurangabad
5 Bee Pharmo Labs, Mumbai
6 BIS, Mumbai
7 BTRA, Mumbai
8 Cable Corp. of India Ltd., Mumbai
9 Central Lab, IOC, Mumbai
10 CIRCOT, Mumbai
11 Coprod Lab, SGS India Ltd., Thane
12 CQA (EE), Pune
13 CQA (SV), Pune
14 Cummins India Ltd., Pune
15 Dr. Phadke`s Lab, Mumbai
16 Elca Labs, Thane
17 Elca Quality Systems, Pune
18 ERTL, Mumbai
19 FRI, Ichalkaranji
20 Geochem Labs., Mumbai
21 Geotech Services, Nagpur
22 Gharda Chemicals, Thane
23 HEF Laboratory, Pune
24 Indian Inst. of Toxicology, Pune
25 Intertek Testing Services, Mumbai
26 Metalab, Pune
27 Metallurgical Services, Mumbai
28 Mukund India Ltd., Thane
29 NTH, Mumbai
30 Ordnance Factory, Ambernath
31 Ordnance Factory, Ambhajhari
32 Ordnance Factory, Bhandara
33 Ordnance Factory, Chanda
34 Ordnance Factory, Pune
35 Perfect Sealing Systems, Pune
36 Pharma Lab, SGS India Ltd., Thane
37 QAE (Metals), Ambernath
38 Raptakos Brett Diagnostic Lab, Mumbai
39 Reliable Analytical Lab, Thane
40 Speciality Ranbaxy, Mumbai
41 SQAE (GS), Mumbai
42 Structwel Designers & Consultants, Mumbai
43 TCR Engg Services, Mumbai
44 Textile Committee Lab, Mumbai
45 VRDE, Ahmednagar
46 Wellspring Clinical Diagnostic Lab, Mumbai

ORISSA 1 CIPET, Bhubaneswar
2 Pulp & Paper Res. Inst., Rayagada

PUNJAB 1 BIS, Mohali
2 ETDC, Mohali
3 Inst. for Auto Parts Tech., Ludhiana
4 Manjula Laboratories, Ludhiana
5 MTL, Inst. for Machine Tools, Batala
6 NSIC, Rajpura
7 Thapar Centre for Indl. Res., Patiala

RAJASTHAN
1 Defence Laboratory, Jodhpur
2 ETDC, Jaipur
3 HASTERI, Kankroli
4 Yadav Metrology, Udaipur

TAMIL NADU
1 BIS, Chennai
2 CETL, Kakalur
3 Chemical Testing & Anal. Lab, Guindy
4 CIPET, Chennai
5 Coprod Lab, SGS India Ltd., Chennai
6 Coprod Lab, SGS India Ltd., Tirupur
7 Cordite Factory, Arvankadu
8 CQA (HV) Lab, Avadi
9 CQA, High Tech Carbon, Gummidipoondi
10 CTL, Eveready, Chennai

11 ETDC, Chennai
12 Gen. Lab., SGS India Ltd., Chennai
13 High Pressure Boiler Plant, BHEL, Trichy
14 IOC, Chennai
15 Kidao Laboratories, Chennai
16 M.V.Diabetes Speciality Centre, Chennai
17 Mettex Lab, Chennai
18 NTH, Chennai
19 Reliance Testing Lab, Coimbatore
20 Sargam Metals, Chennai
21 SITARC, Coimbatore
22 SITRA Lab, Coimbatore
23 TCRC, Chennai
24 Textile Committee Lab, Cannanore
25 Textile Committee Lab, Chennai
26 Textile Committee Lab, Coimbatore
27 Textile Committee Lab, Karur
28 Textile Committee Lab, Tirupur
29 WRI, BHEL, Trichy

UTTAR PRADESH
1 AES Testing & Res. Labs., Noida
2 Anu Lab Testing & Res. Lab, Agra
3 BIS, Sahibabad
4 CIMAP, Lucknow
5 CIPET, Lucknow
6 FFDC, Kannauj
7 ITRC, Lucknow
8 Mathura Refinery, Mathura
9 NTH, Ghaziabad
10 NTPC, Noida
11 Ordnance Factory, Muradnagar
12 SQAE, Muradnagar

UTTARANCHAL
1 BHEL, Haridwar
2 CQA (I), Dehradun

WEST BENGAL
1 BIS, Kolkata
2 CGCRI, Kolkata
3 CQA, Nawabganj
4 Drs. Tribedi & Roy Doagnostic, Kolkata
5 ERTL, Kolkata
6 Eskaps (I) P. Ltd., Kolkata
7 GRSE, Kolkata
8 Indian Chain P. Ltd., Kolkata
9 Inspection Survey & Surveillance, Kolkata
10 Inst. of Sonic Engg., Kolkata
11 IOC, Haldia
12 IOC, Kolkata
13 IRC, Howrah
14 Metal & Steel Factory, Ishapore
15 Metallugica, Kolkata
16 Metallurgical Res. & Testing Lab, Howrah
17 Metals & Minerals Lab, Howrah
18 NTH, Kolkata
19 Rifle Factory, Ichapur
20 RTC, Kolkata
21 S.B.Steels, Howrah
22 S.K.Mitra P. Ltd., Kolkata
23 SGS India Ltd., Kolkata
24 SQAE (GS), Kolkata
25 TREATS, Kolkata